BRUHAT BANGALORE MAHANAGARA PALIKE,
Yelahanka ZONE

Executive Engineeer, Electrical Division, B.B.M.P., Bangalore - 92

EST NO. 14/201

Budget Head ..... P1517 .....

Est.cost 500000.00

Name of work:- Providing Street Light fittings along with connected accessories like Automatic Timer, Control Wire, Poles, etc., in in Judicial L/o,allalsandra & surrounding areas in Ward No-4

Sl no	Approved Qty	Description	Unit	Approved material rates	Amount
1	39	Supplying High pressureSodium Vapour street light fitting die cast aluminium canopy with aluminium housing for control gear,finished stove enamel grey glassy canopy interior with apair of anodized alluminium reflector with toughened flat glass gasket lining for drip inset resistance, duly wired with porcelain holder,heavy duty copper wound ballast ,ignitor and HPF condensor including a sodium vapour lamp.II 250 Watts a) Group 'A' Ele SR 2010-11(P19/12)	Each	6150.00	239850.00
2	39	Supplying and fixing …..mm dia Class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts flouroscent tube street light fitting of all capacities to GI or CI or Rail or RCC Pole/wall using suitable clamps ,boilts ,nuts and wiring using suitable capacity wires complete. a)Using 32MM dia GI Pipe.Ele SR 2010-11(P28/1)	Each	685.00	26715.00
3	12	Supplying and fixing Miniature circuit breakers over the existing MCB distribution boards using necessary fixing materials and 'C' type curve,indicator On/OFF Energy cross -3 with short circuit breaking capacity of 10K and complete wiring as required. Make: ABB, Seimens, Legrand, L&T, MG d) 40-63 A TPN (P36/12F1)Ele SR 2010-11	Each	1495.00	17940.00
4	12	Supplying and fixing Microprocessor based Astronomical timer switch with using necessary bolts, nuts and washers etc.,.(ch-05)0, (P-43). (sl no-45)Ele SR2010-11	Each	7515.00	90180.00
5	12	Supplying and fixing of 4 pole power contactor with NO/ NC contacts on existing wood/panel board using necessary bolts,nuts,washers and wiring etc,complete.with AC-3 rating as per IS-13947,c) 60-70 Amps , (P-34). Ele SR2010-11	Each	3865.00	46380.00
6	12	Supplying and fixing of porcelain fuse channel with cut out on existing wooden/panel using necessary nuts bolts and washer etc, complete 63 Amps (	Each	219.00	2628.00
~~6~~	380	Wiring for lighting/power circuit using one of PVC insulated 1100v grade stranded Aluminium unsheathed wire single core/multi core cable in open or consealed system of wiring f) 16 sqmm (P10/21 I) Ele SR2010-11	Per Mtr	28.00	10640.00

8	110000	Fabricating supplying and and mounting MS box made out …… SWG suitable for floor/ wall mounting , fully weather proof with provision for better heat dissipation, provided with hinged fron cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., compleate , b) 16SWG, Ele SR2010-11 .(ch-05) , (P-41) . (sl no-38)	Sq Cm	0.33	36300.00
9		Supplying and Fixing of……cross arm including all hardwares complete as per the standard technical specification Ele SR 2010-11(P78/32)			
	33	b)2 pin cross arm	Each	123.00	4059.00
10	1000	Supply and stringing of ACSR conductor(6/2.59 mm Al+1/2.59mm steel) Ele SR 2010-11(P79/39)	Mtr	19.80	19800.00
11		Supplying and Fixing of……including all hardwares complete as per the standard technical specification Ele SR 2010-11(P79/37)			
	66	a)1.1 KV pin insulator	Each	70.00	4620.00
	6	d)No.8 strain insulator	Each	24.00	144.00
12		Missallaneous And rounding off	L/s		744.00
		Grand Total			**500000.00**

CERTIFICATE

1 The Contrrol timer switch for street light is essential
2 The provisions made in this estimate are adequate & ncecessary
3 The Rates adopted are Based on the PWD Electrical schedule of Rates 2010-11, & Approved Market Rates
4 The area comes under the limits of Yelahanka zone,BBMP.

Junior Engineer (Ele)
Electrical Sub Division
BBMP, Bangalore-92

Asst Executive Engineer
Electrical Sub Division
BBMP,Bangalore-92

Executive Engineer
Electrical Division
BBMP,Bangalore-92

Administrative Sanction for Rs. 500000:00
Five Lakes only
is accorded under Upgrading Street Lighting of Bangalore Major Roads P1517
Registered as EE ( ) No. 14/2010-4 Subject to conditions contained in enclosed memo No. EE/BBMP/YZ/AS 15/2010-4 28.02.2011

Executive Engineer

TECHNICAL SANCTION ACCORDED FOR Rs. 500000:00
Five Lakes only
Under Upgrading Street Lighting of Bangalore Major Roads P1517
Registered as EE ( ) No. 14/2010-11 9 9
Subject to conditions contained in enclosed memo EE ( ) No. EE/BBMP/YZ/TS/15/2010-4
Dt. 04-03-2011 Estimate A/ Sanctioned No. EE/BBMP/YZ/TS/15/2010-4
Dated 28-02-2011 Rs. 500000:00

Executive Engineer